



Attorney's Docket No.: 12875-002001 / 0643-5299US

#91A58  
5/3/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Wei-Yu Lo et al.  
Serial No. : 09/778,516  
Filed : February 7, 2001  
Title : LAC SHUTTLE VECTORS

Art Unit : 1632  
Examiner : Pappu, Sita S

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MAY 03 2002

Commissioner for Patents  
Washington, D.C. 20231

TECH CENTER 1600/2900

**RESPONSE TO OFFICE ACTION DATED NOVEMBER 27, 2001**

In response to the office action mailed November 27, 2001 ("Office Action"), please amend the application as follows:

In the Specification:

Replace the original Sequence Listing with the substitute Sequence Listing filed herewith.

In the claims:

Amend claims 1, 4, 5, 9, and 11-14 as follows:

*Subj* Claim 1. (Amended) A Lac shuttle vector, comprising:

*A1* (a) a region which regulates a plasmid copy number, wherein said region comprises an E.coli replication origin sequence;

(b) a eukaryotic gene expression cassette, which comprises a eukaryotic gene transcriptional promoter sequence, a multiple cloning site and a transcriptional terminator sequence, wherein a desired gene is inserted into said multiple cloning site;

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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*April 22, 2002*

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